AUDIOVOX
CDM-9000

Tri-Mode CDMA/AMPS
Handheld Portable
Cellular Telephone

In today's fast paced world, it has become a necessity to have access to real-time information. Your communications tools must provide you with this access from anywhere and anytime. With that in mind, Audiovox developed the CDM-9000, our first Tri-Mode Web Browsing wireless telephone.

The CDM-9000 features 800 MHz Amps/CDMA and 1900 MHz CDMA Tri-mode operation for enhanced nationwide service coverage. The digital phone features two easy to use soft keys that make surfing the web a breeze. The CDM-9000 also boasts a vibrating alert, voice recognition, and data capabilities. In addition, the phone features an enhanced phone book with 99 Alpha/198 Numeric memory locations, one touch emergency dialing, 15 distinctive ringer options, and menu driven operation. And with a Lithium Ion battery providing you with over 3 hours of talk time and 7 days of standby time, you'll have plenty of opportunity to use all of these advanced features.

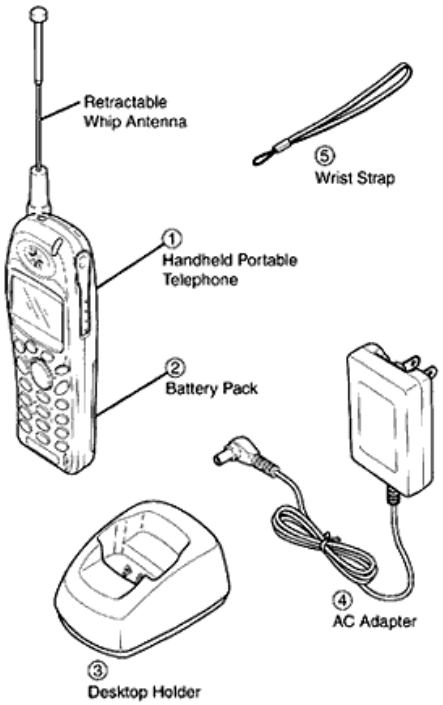
The CDM-9000 cellular telephone has several optional accessories available, including: leather carrying case, extended Lithium Ion battery, cigarette lighter plug-in charger, desktop holder, AC Adapter, Handsfree car kit and an earphone microphone and data cable.

And, of course, your new CDM-9000 digital handset provides you with something only an Audiovox phone can: the proven reliability that has made us one of the leading wireless handset providers.

Please take a few moments to read the following pages of the user's operation manual. It will help you make the most efficient use of this valuable communications tool.

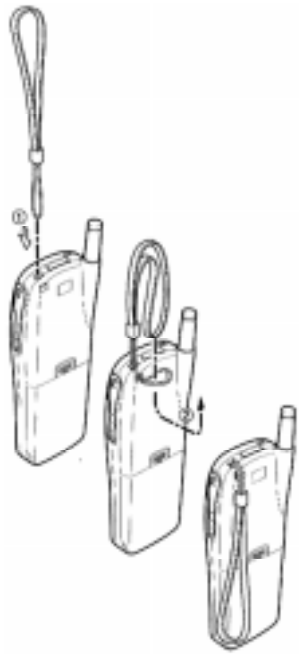
SYSTEM CONFIGURATION

System configuration and the equipment list are as shown below.



WRIST STRAP ATTACHMENT

Attach the wrist strap to the phone through the strap hole as shown below 1.
Then pull the long loop through the smaller loop as shown below 2.



BATTERY INSTALLATION AND RECHARGING

To Attach the Battery Pack

1. Insert the hook at the end of the Battery Pack into the slot at the end of the phone.
2. Press the Battery Pack down to lock the Battery Pack onto the phone.

To Detach the Battery Pack

1. Slide back the Release Latch as shown below.
2. Lift up to remove the Battery Pack from the phone gently.

TO RECHARGE BATTERY

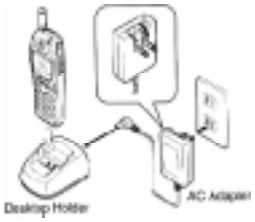
Your CDM-9000 has a built in charger function. To re-charge the Battery Pack, always install the Battery Pack to the phone.

1. Attach the Battery pack to the Phone
2. Insert the DC plug of the AC Adapter (CNR-4000) to the Desktop Holder (DTH-4000). Plug the AC Adapter to AC outlet.
3. Place the Phone with Battery Pack into the Desktop Holder.
4. Then the recharging starts. The display indicates "Now Charging" with animation. You can see a battery level indicator scrolling at the upper-right of the display.

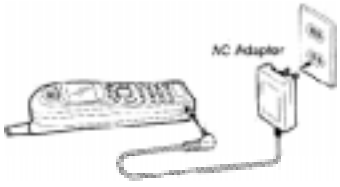
5. For complete recharging, it is recommended that the phone is turned off during recharging.
6. When the recharging is completed, the display indicates "Fully Charged".
7. It is normal that Battery Pack may become a little warmer during recharging.

The charging time, from empty to full, depends on the environmental temperature, 0 to +35 °C.

Battery Type	Recharging Time
Slim Lithium Ion (BTR-4000)	1.5-2 h
Extended Lithium Ion (BTE-4000)	2.5-3.5 h



Alternatively you can recharge the Phone using AC Adapter as illustrated below.



NOTE: Do not feed the power to the phone without Battery Pack

FUNCTIONS

External View

Function of Keys

Key- Board Arrangement

Digit Keys	To enter Telephone Numbers, Names or special characters (* or #). (1) is also used for OneTouch Emergency feature.
Function Keys	
	SEND key. To originate or receive a Call.
	END key. To terminate a Call and to turn the phone ON/OFF.
	To recall phone numbers from memory. Also used as Left-arrow key.
	To be used with other keys to activate various special features. Also used as Right-arrow key.
	To control Earpiece audio level, Alert Tone and Key Tone. Also used as Up/Down-arrow keys.
STO	To store phone numbers in memory.
CLR	To clear digits from the display or from a memory location.
	To review Text Messages or to learn how many Voice Messages are in your Voice Mailbox. Also used as Soft key 1.
V+	To access your Voice Mail with only one key. Also used as Soft key 2.

LCD Display Indication

Items	Descriptions
	Receiving Signal Strength Indicator. The number of lines indicates the received Signal Strength, and Y is also used as a POWER ON Indicator.
	Digital Mode Indicator. To indicate the phone is operating in digital mode.
	A Call is in progress.
	The phone is out of Service Area.
Rm	The phone is out of the Home-Area.
	Message Indicator. To indicate that Text Messages are stored in memory or Voice Messages are in your Voice Mailbox.
	Shows that Clock alarm or count down timer is set up.
	Battery Level Indicator. Monitors the battery charge condition.
ABCDEFGHIJKL MNOPQRSTUVW XYZ12345678	Graphic full-dot matrix display with flexible font size in 2 to 4 lines.

BASIC OPERATION

Placing Calls

To place a call:

1. Enter the phone number.(a maximum of 32 digits will be displayed.)

2. Press .

   The indicator will light.

· **To Correct a Number**

Press to clear the last digit.

Press and hold to erase all the digits entered.

· **If the Call Fails to Go Through**

Press , and to redial the number.

GETTING STARTED

Turning the phone On/Off

Press and hold . All the indicators and the digit display will light momentarily, and a tone will be heard. The indicator will stay while the phone is turned on. To turn the phone off, press and hold .

Antenna Position

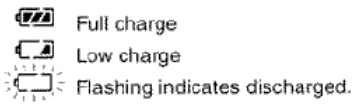
The antenna can be used in its fully extended or fully retracted position only. It is recommended that the antenna should be fully extended for optimum performance and signal strength or while operating in poor signal areas.

Receiving Signal Strength Indicator

The number of lines indicates the Signal Strength in your area. Four lines show maximum level. The display will vary as you move with the phone. If the signal is not strong enough to place a call, " " will appear on the LCD display.

Battery Level Indicator

You can always monitor the battery charge condition with the constant battery level indicator. The number of blocks indicates the battery conditions as follows:



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Power Management

Battery	Mode	Talk Time (up to)	Standby Time (up to)
Slim Battery (BTR-4000)	Digital	190 min.	170 h
Slim Battery (BTR-4000)	Analog	65 min.	12 h
Extended (BTE-4000)	Digital	380 min.	340 h
Extended (BTE-4000)	Analog	130 min.	24 h

BASIC OPERATION

Placing Calls

To place a call:

1. Enter the phone number.(a maximum of 32 digits will be displayed.)

2. Press .

   The indicator will light.

To Terminate a Call

Press . The indicator will go out.

Last Number Redial

Press to recall the last number you dialed, then press .

To Dial the Last Number Received

Press , to dial the last number with caller ID you received, then press .

See **Call History**.

Phonebook Dialing

Press and enter an address (01 to 99) to recall a number from your phonebook, then press .

See **Phonebook Recall**.

To Mute A Phone Conversation

Press to mute your conversation at any time during a call. "**MUTE**" will be displayed. To return to normal conversation, Press again.

Speed Dialing

If you know the phonebook address of the telephone number that you want to call, you may place a call without using .

1. Enter the one or two digits of your phonebook address (1~9 or 10~99).
2. Press . The phone number will be displayed. The indicator will light, and the call will be placed.

NOTE: If two telephone numbers are stored in the address, the Primary Number will be dialed.

Quick Dialing

When this feature is on, the Primary number in your Phonebook address 02 to 09 can be dialed with just one push of the key.

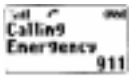
1. Press a digit key (to) for more than one second
2. The number in your phonebook is automatically dialed. The phone number will be displayed. The indicator will light.

*NOTE: The key is not for Quick Dialing, but for **ONE TOUCH EMERGENY CALL***

Emergency Call

This feature permits you to place an emergency call even if your telephone is in "**Phone Lock**", "**Keypad Lock**" or "**Restrict**" mode. Up to 3 numbers can be programmed as Emergency numbers. The emergency number "**911**" and "***911**" are already preprogrammed.

Example: To Call 911 in "**Phone Lock**" or "**Keypad Lock**" mode.

1. Enter . The "**911**" will not be displayed, but "**Phone Lock**" or "**Keypad Lock**" will be displayed.
2. Press . The "**911**" will be displayed. The indicator will light, and the call will be placed. 

OneTouch Emergency Call

This feature permits you to dial an emergency number by a single keystroke, even in the "**Phone Lock**" or "**Restrict**" mode. This feature can be turned off to prevent unintentional calls to the emergency number.

1. Press and hold for more than 2 seconds. The number in emergency memory location "1" will be dialed.
2. Then the indicator will light, and the call will be placed. (The factory preset number is "911".)

NOTE: The feature cannot be used if the Keypad Lock is on. You need to dial all the digits and .

Emergency Call Mode

When you dial one of the 3 pre-programmed emergency numbers, your phone will enter the **Emergency Call Mode.** In this

mode, the phone will attempt to complete the emergency call using any available cellular system from which it can obtain service.

After it places an emergency call, the phone will stay in the **Emergency Call Mode**, and will display **Emergency Call Mode, END to exit**". In the **Emergency Call Mode**, the phone will attempt to continue to receive service from the cellular system that it used to complete the call. The phone will automatically exit the **Emergency Call Mode** after 5 minutes or after you press **END**.

Receiving Calls

To Receive a Call

When the telephone rings, press to answer the call. The indicator will light.

Any Key Answering

This feature permits you to answer an incoming call by pressing any key on the keypad except and .

Caller ID with Name

This feature allows you to preview in your display the number and name of the party calling you before you answer the call. The name is as you programmed it in your phonebook.

1. When the phone rings, the Calling Number appears in the display.

2. The last 10 caller ID's are stored in the memory for your review and redial.

*NOTE: "**Number Restricted**" or "**Number Unavailable**" is displayed when the caller ID is restricted or not available.*

Automatic Calls-in-Absence Indictor

This feature indicates the number of unanswered incoming calls. If incoming calls are not answered, the LCD display will indicate "**Called XX**". "**XX**" is the number of calls (01 to 99) missed. Depressing any key will clear the display.

Ringing Tone with Melody

The CDM-9000 offers you 15 styles of ringer tones and melodies for alerting incoming calls. Ringer volume can also be adjusted. See **Ring Type Selection (F32)**, **Alert Tone Volume control (F31)**, and **Vibrator Alert (F8)**.

Distinctive Ringing (Audible Caller ID)

You may program different ringer styles for different phonebook address. See **To Store Ring Type with the Phone Number**.

During Calls

To Adjust the Earpiece Volume

Simply press the or to adjust Earpiece Volume during a call.

Scratch Pad Dialing

If you enter a telephone number during a call, the number will be stored in the Scratch Pad memory.
After terminating the call, the number you entered can be dialed by .

NOTE: You can deactivate " **Sending DTMF**" so that keypad tones will not be transmitted to the calling party. See **Sending DTMF (F35)**.

Automatic Talk Timer

The talk time of the current call will be automatically displayed. For example, "**1h23m45s**".

Call Waiting

Your service provider may provide Call Waiting service. When you are on a call, you may hear beep tone alerting you of another incoming call. Your phone displays **"New Caller"** and the caller's ID with the name. The name is as you programmed it in your phonebook.

1. Press to answer the new call.
2. Press again to switch between the two calls.

Three- Way Calling

Your Service provider may provide Three-Way calling service. When a call is already in progress, you may call the Third party.

1. Enter a number and press to call the third party.
2. Press again to connect all three parties.

Ask your service provider for the detailed information.

Standby

Clock Indicator

Date and Time are automatically displayed, if this feature is enabled. See **Clock Indicator (F42)** to turn this feature on/off.

Clock Alarm

This feature alert you repeatedly at the alarm time that you programmed. See **Clock Alarm (F44)** for setting.

Countdown Timer

This feature alerts you when the countdown timer expires. The timer can be set to 1 through 99 minutes. See **Countdown Timer (F45)** for setting.

End to End Signaling

To utilize certain phone services, such as accessing an alternate long distance network, signaling a pager or banking by phone etc., Touch Tone™ signaling is required. The following features will make it easy to send frequently used Touch